

**REMARKS**

As a preliminary matter, Applicant amends claim 8 for greater clarity and to overcome an informality.

The amendment and response filed on October 1, 2007, with a Request for Continued Examination, have been entered. Claims 1-14 are pending. By this Amendment, applicant adds new claims 9-14. All previous rejections have been withdrawn, but the allowability of claims 4-6 and 8 is also withdrawn in view of Wilson et al. (US 6,982,697 B2). Applicant submits the following in traversal.

**Claims Rejected Under 35 U.S.C. § 102**

Claims 1-8 are rejected under 35 U.S.C. § 102(e) as being anticipated by Wilson et al.

Applicant submits that claim 1 is patentable because Wilson fails to disclose each and every element of the claim. For example, claim 1 recites:

A pen-shaped input system using a magnetic sensor, comprising:

a magnetic field detection unit mounted in a pen-shaped body which detects a tilt angle of the pen-shaped body based on a movement of the pen-shaped body;

**an acceleration detection unit mounted in the pen-shaped body which detects respective axial direction accelerations of the movement of the pen-shaped body; and**

a control unit which calculates absolute coordinates of the movement of the pen-shaped body from the tilt angle measured at the magnetic field detection unit and the acceleration measured at the acceleration detection unit.

For example, Wilson fails to disclose or suggest an acceleration detection unit mounted in the pen-shaped body which **detects respective axial direction accelerations** of the movement of

the pen-shaped body, in combination with other elements of the claim. Nowhere in Wilson is there any mention of detecting acceleration. Rather, Wilson specifically mentions the calculation of the orientation of the pointer 10, orientations including pitch and roll. Col. 8, lines 16-42. Wilson further mentions that for true pitch and roll information, the pointer has to be motionless. Col. 19, lines 15-17.

Therefore, since Wilson fails to disclose the detecting of axial direction accelerations in combination with other elements of claim 1, Applicant submits that Wilson fails to disclose the claimed acceleration detection unit. Accordingly, claim 1 is not anticipated by Wilson.

Similarly, claims 4, 7 and 8 are patentable for reasons similar to those submitted for claim 1.

Claims 2, 3, 5, and 6, which depend from claim 1 or 4, are patentable for at least the reasons submitted for their respective base claims.

In addition, Applicant submits that claim 3 is patentable because Wilson fails to disclose a communication module which transmits data to an external computing device, wherein the control unit controls the communication module **to transmit** the tilt angle detected at the magnetic field detection unit and **the acceleration detected at the acceleration detection unit** to the external computing device. There is nothing in Wilson which discloses the transmission of acceleration, as recited in the claim.

For reasons similar to those submitted for claim 3, claim 6 is patentable.

Lastly, Applicant adds new claims 9-14 to more fully claim the invention.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the

Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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